

IN THE SPECIFICATION

Please amend the paragraph on page 5 of the specification, starting at line 14 and ending at line 19, as follows:

In one embodiment, body 201 is fabricated from a pair of symmetrical structures 100A, 100B. Each structure includes a cavity having a volume equal to one-half of the volume of cavity 205. Coupling the pair of symmetrical structures 100A, 100B together forms heat sink 100 including cavity 205 formed in the interior of heat sink 100. Coupling is accomplished by brazing, welding, soldering, or any other suitable metal fusing process.

Please amend the paragraph on page 8 of the specification, starting at line 13 and ending at line 26, as follows:

Efficient manufacturing of heat sink 100 is achieved by maintaining symmetry in the design of heat sink 100. Symmetry is maintained by arranging the number of fins 203 and cavity 205 symmetrically about a dividing line 101 that separates heat sink 100 into two substantially identical halves 100A, 100B. Since the halves 100A, 100B are identical, a machining process for cutting the number of fins 203 and cavity 205 is developed for producing only one half. After two halves 100A, 100B are fabricated, the halves 100A, 100B are joined by a brazing, welding, soldering or other suitable metal fusing process to form body 201. Injection hole 227 is drilled in body 201 and a mixture of phase change material 211 and a number of particles 215 is injected into cavity 205. The injection hole is sealed, and the fabrication of heat sink 100 is complete. The volume of the injected mixture, if injected at a temperature less than the operating temperature of heat sink 100, does not completely fill cavity 205. Some volume in cavity 205 is reserved for expansion of phase change material 211 during the operation of heat sink 100.